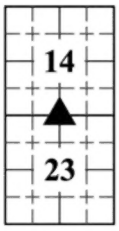
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: **Center_N19**

Quarter Corner

Sections 14 & 23- T07N-R03W, 2nd P.M.

Center Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

3" x 7" stone inscribed with a "+" on top and the characters "S 1/4 14" on its north side found 6" above grade in a small rock cairn.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the intersection of SR 45 and SR 445, travel east on SR 445 for approximately 1375 feet to a small creek flowing south. Follow the creek southerly for approximately 1100 feet to the stone, which is on a wooded northeast facing slope approximately 80 feet south of the creek. East/west wire fence remains were observed 7.5 feet north of the stone and there is an apparent north/south possession line in the immediate vicinity of the stone with the woods to the east having been logged recently compared to the more mature woods to the west. We built a small rock cairn around the stone and nailed a Greene County Survey Marker sign 5 feet above grade to the west side of the beech tree at Witness B.

GEODETIC COORDINATES: (OSM #10156)

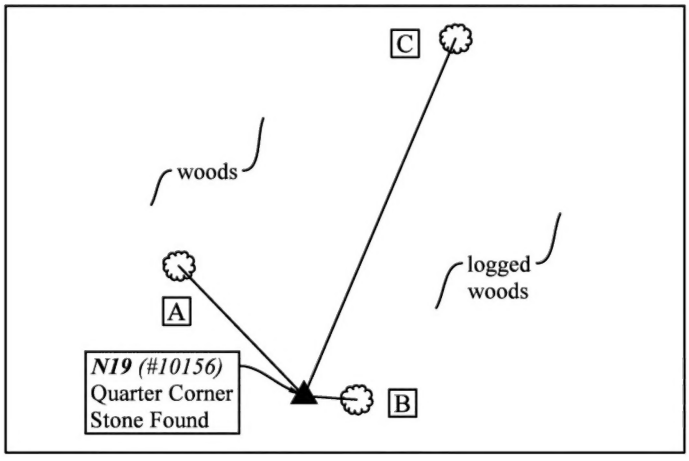
Northing: 331891.32, Easting: 898265.15 Datum: InGCS Greene Zone, US Survey Feet

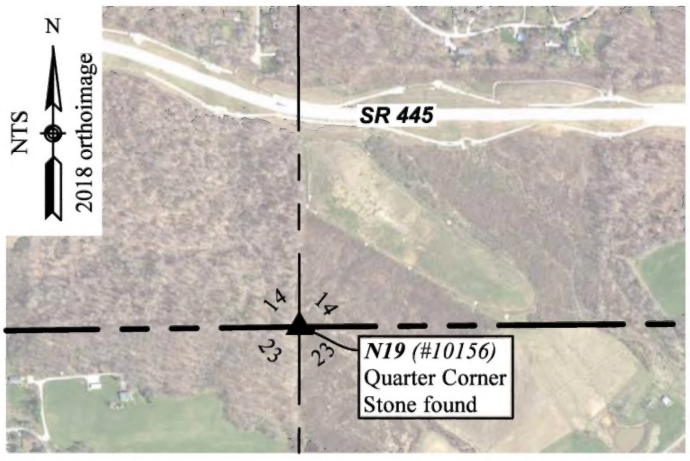
Northing: 1379898.71, Easting: 3058875.24 Datum: NAD83(2011) IN West Zone, US Survey Feet

WITNESS MONUMENT TIES: Describe at least three witness objects.

ID	Bearing	Distance	Description
A	N 44° W	9.1'	2" mag nail and 1-1/4" fender washer set in hack 6" above grade on the south side of a 9" dbh elm
B	S 86° E	2.65'	2" mag nail and 1-1/4" fender washer set in hack 4" above grade on the southwest side of a 5" dbh beech
C	N 23° E	19.55'	2" mag nail set in hack over sounding 4" above grade on the west side of a 6" maple

MONUMENT LOCATION SKETCH: Attach a sketch or aerial image.





CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The marked stone was set in 1883 by Greene County Surveyor F.M.Parker based on found original bearing trees. Subsequent surveys have consistently accepted the stone as the corner.

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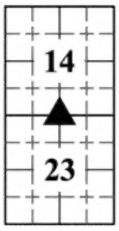

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1812 By: Arthur Henrie

Where filed or recorded: F_EV03P369

Original monument: Wood post

Bearing Trees or Witness Ties:	Bearing	Distance
7" beech *(Not found 2021)*	N24°W	3.3'
5" gum *(Not found 2021)*	N36°E	2.6'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 11/26/1883 By: Francis M. Parker, GCS

Where filed or recorded: Legal Survey Book 4, page 28

Monument: Set stone marked "S1/4 14"

Bearing Trees or Witness Ties:	Bearing	Distance
15" beech *(Not found 2021)*	N65°W	23.8'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 02/2011 By: Matthew Badger

Where filed or recorded: 2011-0980

Monument: 3"x7" stone found 6" above grade

Bearing Trees or Witness Ties:	Azimuth	Distance
Mag 6" above grade in north side of 6" maple *(Set new hack and mag nail over sounding in 2021)*	20°	19.7'
Mag in north side 15" oak *(Not found in 2021)*	100°	12.1'
Old 3" round wood fence post *(Not found in 2021)*	250°	12.2'

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
3/29/1838	Kelshaw, John B.	Legal Survey in Section 23 for Martindale & Shelton *Found original stake*	LSB 1, pg 28
3/31/1838	Kelshaw, John B.	Legal Survey in Section 23 for Oliphant and Birch *Found original stake*	LSB 1, page 29
3/31/1838	Kelshaw, John B.	Legal Survey in Section 14 for Martindale *Found original stake*	LSB 1, pg 29
12/17/1839	Bray, Hardin	Legal Survey in Section 23 for Tate *Found original stake*	LSB 1 , pg 100
6/12/1849	Cressy, F.B.	Legal Survey in Section 14 for Miller *Found original stake*	LSB 1, pg 209
11/26/1883	Parker, Francis M	Legal Survey in Section 14 ***Origin of marked stone. The corner was established based on the found stump of the original beech witness.***	LSB 3, pg 28
2/2/2011	Badger, Matthew G.	Conservation Easement Survey for Fields	2011-2910
3/11/2011	Badger, Matthew G.	I69 Section 4 Segment 6 Route Survey	2011-0980
9/19/2012	Tibbett, James C.	Survey in Section 23 for Hanna	2012-4461
12/10/2020	Porter, Christopher	Garsnett Farm Survey in Sections 23 and	2021-2889

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 7.5 feet due to east/west wire fence remains to the north of the stone.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

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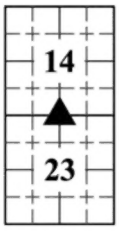

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument.
Photo Date: 12/30/2021

Photo Orientation & Description: Inscribed north side and top of stone at N19

Photo Orientation & Description: Looking southeast at N19

FIELD PERSONNEL:
Field Date: 12/30/2021 By: Rachel Oser and Phillip Oser Project : Oser Surveying & Mapping LLC Job# 10226A Corner Perpetuation Survey for Center Township Sections 14, 15, 22 & 23, Township 7 North, Range 3 West
Notes: This document is not complete without the associated plat and report of survey dated January 25, 2022.

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using a Javad GNSS System (Triumph LS rover and Triumph 3 base) and the InCORS Real-Time Network. Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to InGCS Greene Zone Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:
Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com

Rachel Oser Date: 1/25/2022